

DP-309432

Claims:

1-7 (Cancelled)

8. (Original) In a fuel cell assembly, a method for sealing surfaces between components of a fuel cell stack in said fuel cell assembly, comprising:

- a.) forming a dielectric element in the general shape of the surfaces to be sealed;
- b.) positioning said dielectric element adjacent at least one of said components;
- c.) forming a paste of a braze alloy on at least one of said dielectric element and said at least one of said components;
- d.) bringing said dielectric element, said paste and said at least one of said components together as an assembly; and
- e.) sintering said assembly at a temperature whereby said braze alloy becomes liquefied and when cooled becomes bonded to said dielectric element and said at least one of said components of said fuel stack assembly to form said seal.

9. (Original) A method in accordance with Claim 8 wherein said braze alloy is powdered silver bronze.

10. (Original) A method in accordance with Claim 8 wherein said dielectric element is formed of yttrium-stabilized zirconia.

11. (Original) A method in accordance with Claim 8 wherein said at least one of said components is selected from a group consisting of anode plates and cathode plates.

12. (Original) A method in accordance with Claim 8 wherein said paste is formed on said dielectric element.

13. (Original) A method in accordance with Claim 8 wherein said fuel cell assembly is employed as an auxiliary unit in a vehicle.

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If there are any additional charges with respect to this amendment or otherwise, please charge them to Deposit Account No. 50-0831.

Respectfully submitted,

By



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